

Converting Colors

XYZ(28.2178, 20.1916, 57.9466)

Have a look what the booklet for
XYZ(28.2178, 20.1916, 57.9466)
contains.

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Color

**XYZ(28.1452, 20.1998,
57.6739)**

Conversions

Conversions Part 1

Format	Color
Hex	9865C9
RGB	152, 101, 201
RGB Percent	60%, 40%, 79%
CMY	0.4039, 0.6039, 0.2118
CMYK	0.24, 0.50, 0.00, 0.21
HSL	271°, 48%, 59%
HSV	271°, 50%, 79%
XYZ	28.1452, 20.1998, 57.6739
YIQ	127.6490, -1.7040, 41.9120

Conversions

Conversions Part 2

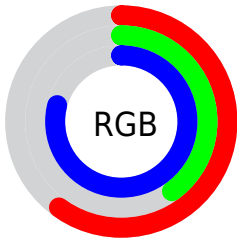
Format	Color
R_{YB}	152, 101, 201
Decimal	9987529
CIE _{Lab}	52.06, 39.89, -44.47
CIE _{LCh}	52, 59.744, 311.894
Yxy	20.1998, 0.2655, 0.1905
Android (android.graphics.Color)	4288177609 (0xFF9865C9)
YUV	127.6490, 36.1620, 21.3558
Hunter-Lab	44.9442, 33.1289, -44.6220

Details

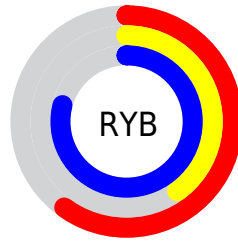
The XYZ color **28.1452, 20.1998, 57.6739** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **35.8137, 49.1973, 19.9211**, and the grayscale version is **20.2765, 21.3325, 23.2310**.

A 20% lighter version of the original color is **55.4537, 43.4124, 100.0644**, and **11.4533, 7.1280, 27.9663** is the 20% darker color. If you saturate the color by 10%, you get **24.6596, 15.8518, 57.0187**, and if you desaturate by 10%, it is **32.2627, 25.5826, 58.4962**.

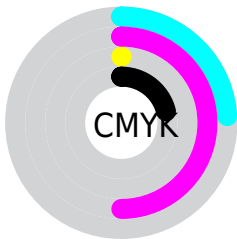
Distribution



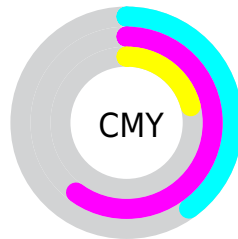
- Red (60%)
- Green (40%)
- Blue (79%)



- Red (60%)
- Yellow (40%)
- Blue (79%)



- Cyan (24%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (60%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1452, 20.1998, 57.6739 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.1452, 20.1998, 57.6739 by changing the saturation by 10% instead.

■ 28.1452, 20.1998,
57.6739

■ 28.1452, 20.1998,
57.6739

285.2276,
252.9947, 433.5340

■ 18.5762, 12.5404,
41.1336

■ 56.1232, 43.7519,
102.9579

■ 11.4666, 7.1128,
28.1030

■ 75.2629, 60.4134,
132.5387

■ 6.4512, 3.5328,
18.1636

■ 98.3235, 80.8443,
167.3033

■ 3.1646, 1.4158,
10.8968

■ 125.6703,
105.4291, 207.6704

■ 1.2414, 0.2283,
5.8842

157.6688,
134.5521, 254.0585

■ 0.1387, 0.0000,
2.7072

194.6843,

■ 0.0000, 0.0000,

168.5978, 306.8861

0.9470

237.0821,
207.9505, 366.5717

■ 0.0000, 0.0000,
0.0000

■ 28.1452, 20.1998,
57.6739

■ 28.1452, 20.1998,
57.6739

■ 24.6596, 15.8518,
57.0187

■ 32.2627, 25.5826,
58.4962

■ 21.7644, 12.4637,
56.5173

■ 37.0450, 32.0635,
59.4951

■ 19.4161, 9.9534,
56.1566

■ 42.5256, 39.7031,
60.6808

■ 17.5632, 8.2236,
55.9203

■ 48.7347, 48.5569,
62.0626

■ 16.1140, 7.0973,
55.7793

■ 55.7006, 58.6770,
63.6488

■ 16.0804, 7.0719,
55.7762

■ 63.4500, 70.1120,
65.4475

■ 72.0084, 82.9082,
67.4663

■ 79.1910, 92.6916,
68.9762

■ 82.4563, 94.3749,
69.1290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.7197, 20.1998, 73.9614



28.1452, 20.1998, 57.6739



32.6454, 20.1998, 34.1730

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1452, 20.1998, 57.6739



23.0802, 20.1998, 3.0234



9.8568, 20.1998, 29.6695

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.1452, 20.1998, 57.6739



35.8137, 49.1973, 19.9211

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10.0692, 20.1998, 13.1190



28.1452, 20.1998, 57.6739



16.8819, 20.1998, 2.7793

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.1452, 20.1998, 57.6739



29.3211, 20.1998, 6.3242



12.3836, 20.1998, 5.2678



11.7247, 20.1998, 52.9160

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1452, 20.1998, 57.6739



33.4705, 20.1998, 20.9025



12.3836, 20.1998, 5.2678



9.7003, 20.1998, 23.1231

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.1460, 20.2006, 57.6744



77.4762, 74.5940, 104.9224



26.9767, 29.1177, 59.4572



16.1057, 15.2876, 22.3519



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1460, 20.2006, 57.6744



41.6311, 26.4298, 97.5150



39.2842, 25.9425, 58.1956



10.5638, 10.5489, 13.3969



10.2167, 4.5012, 35.0747



0.5672, 0.2562, 1.6647

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.2466, 23.9275, 31.6680



53.9241, 33.9358, 45.2868



28.6030, 45.4801, 19.5836



10.8468, 10.7221, 12.1767



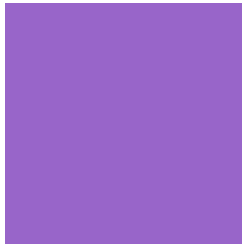
16.5920, 8.3864, 8.3272



0.8222, 0.4117, 0.5869

Previews

White Background



This preview shows how the XYZ color 28.1452, 20.1998, 57.6739 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.1452, 20.1998, 57.6739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

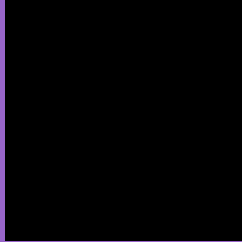
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1452, 20.1998, 57.6739

Background



This preview shows how black text looks on a background with the XYZ color 28.1452, 20.1998, 57.6739.



This preview shows how white text looks on a background with the XYZ color 28.1452, 20.1998,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.1452, 20.1998, 57.6739

Protanopia

22.9801, 20.5043, 70.4567

Deuteranopia

20.9178, 20.3321, 55.0466



Tritanopia

21.1406, 20.2411, 23.2148

Trichromacy



Original Color

28.1452, 20.1998, 57.6739

Protanomaly

23.9714, 19.9029, 65.5290

Deuteranomaly

22.7451, 19.8192, 56.0528

Tritanomaly

23.2122, 19.8842, 33.6250

Monochromacy



Original Color

28.1452, 20.1998, 57.6739

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.7114, 20.6418, 33.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1452, 20.1998, 57.6739 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(152, 101, 201)` looks like.

```
.text, #text, p{  
    color:rgb(152, 101, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(152, 101, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 101, 201) }
```

Border

The CSS property to change the border of an element to XYZ 28.1452, 20.1998, 57.6739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 101, 201) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(152, 101, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(152, 101, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 101, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 101, 201);  
box-shadow:4px 4px 4px 4px rgb(152, 101,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1452, 20.1998, 57.6739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 101, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(152,  
101, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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